CLAIMS

1   1.   A method for providing video to at least one subscriber in a wireless Local Area
2 Network (LAN) comprising the steps of
3   receiving video from at least one source,
4   encoding the video into at least one prescribed format;
5   broadcasting the video on a video channel having an RF carrier frequency different from
6 a carrier frequency of a data channel over which data is transmitted; and
7   maintaining the video channel in a one-way broadcast-only mode at least while the video
8 channel carries video, thereby precluding a subscriber from uplinking information on the video
9 channel.

1   2.   The method according to claim 1 wherein wireless LAN utilizes at least one of the
2 IEEE 802.11 and ETSI/Hiperlan2 protocols and wherein the broadcast-only mode of the video
3 channel is maintained by adjusting at least one parameter specified by the at least one protocol.

1   3.   The method according to claim 1 wherein the wireless LAN utilizes the IEEE
2 802.11 protocol and wherein the broadcast-only mode of the video channel is maintained by
3 adjusting at a wireless access point a Network Allocation Vector (NAV) present in frames
4 carrying the broadcasted video.

1   4.   The method according to claim 1 wherein the wireless LAN utilizes the
2 ETSI/Hiperlan2 protocol and wherein the broadcast-only mode of the video channel is
3 maintained by removing access to a Random Channel.

1   5.   The method according to claim 1 wherein the video is received from multiple
2 sources.

1   6.   The method according to claim 1 wherein the video is encoded in accordance with
2 one of the MPEG 2 and JVT (MPEG 4 part 10/H.264) formats.

1   7.   Apparatus for providing video to at least one subscriber in a wireless Local Area
2 Network (LAN) comprising of

3   a receiver for receiving video from at least one source,

4   an encoder for encoding the video from the receiver into at least one prescribed format;

5   a video broadcast network for broadcasting the video from the encoder on a video channel

6   having a frequency different from a data channel over which data is broadcast while maintaining

7   the video channel in a broadcast-only mode, thereby precluding a subscriber from uplinking

8   information on the video channel.

1   8.   The apparatus according to claim 7 wherein the video broadcast system

2   comprises:

3   a video Local Area Network (LAN) connected to encoder; and

4   at least one Video Access Point (VAP) connected to the Video LAN for broadcasting the

5   video carried by the video LAN from the encoder and for maintaining the video channel in the

6   broadcast-only mode.

1   9.   The apparatus according to claim 8 wherein the at least one VAP utilizes at least

2   one of the IEEE 802.11 and ETSI/Hiperlan2 protocols and wherein the VAP maintains the

3   broadcast-only mode of the video channel by adjusting at least one parameter of the broadcasted

4   video in accordance with the at least one protocol.

1   10.   The apparatus according to claim 8 wherein the at least one VAP utilizes the IEEE

2   802.11 protocol and wherein the VAP maintains the broadcast-only mode of the video channel

3   by adjusting a Network Allocation Vector (NAV) present in frames carrying the broadcasted

4   video.

1   11.   The apparatus according to claim 8 wherein the VAP utilizes the ETSI/Hiperlan2

2   protocol and wherein the VAP maintains the broadcast-only mode of the video channel by

3   removing a Random Channel.

1   12.   The apparatus according to claim 7 wherein the encoder encodes the video in

2   accordance with one of the MPEG 2 and JVT (MPEG 4 part 10/H.264) formats.

1   13.   A method for receiving broadcast video at a mobile wireless communications

2   device, comprising the steps of:

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3   initiating selection of a video Local Area Network (LAN) upon user actuation of the

4   device; and

5   detecting transmission of the video broadcast from video LAN without trying to uplink

6   traffic to said video LAN.

1   14.   The method according to claim 13 further comprising the step of setting up

2   different protocol layers with a minimum static configuration within the mobile wireless

3   communication device.